

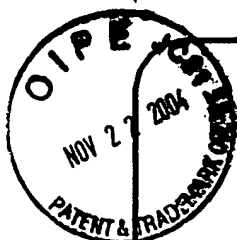
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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/814,609	
	Filing Date	March 29, 2004
	First Named Inventor	Luke P. Lee
	Group Art Unit	1636
	Examiner Name	Unassigned
Total Number of Pages in This Submission	Attorney Docket Number	313S-300610US

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
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<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Authorization to Charge Deposit Account Please charge Deposit Account No. 50-0893 for any additional fees associated with this paper or during the pendency of this application, including any extensions of time for consideration of the documents enclosed.	
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Stephen J. LeBlanc, Reg. No. 36,579, Quine Intellectual Property Law Group, P.C.
Signature	<i>[Handwritten Signature]</i>
Date	17 Nov. 2004

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

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QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.

By Amelia Weintraub
Amelia Weintraub

Attorney Docket No. 313S-300610US
Client Ref. No. B02-086-2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Luke P. Lee, et al.

Application No.: 10/814,609

Filed: March 29, 2004

For: METHOD AND APPARATUS FOR
NANOGAP DEVICE AND ARRAY

Confirmation No. 1636

Examiner: Unassigned

Art Unit: 1636

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR § 1.97 and
§ 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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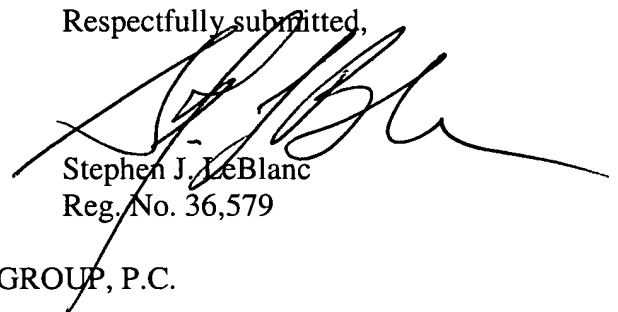
The references cited on attached form PTO-1449 are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

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Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action on the merits per 37 CFR 1.97(b)(3). However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 50-0893. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Stephen J. LeBlanc', is written over the typed name and registration number.

Stephen J. LeBlanc
Reg. No. 36,579

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Substitute for form 1449A-B/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/814,609
Filing Date	March 29, 2004
First Named Inventor	Luke P. Lee
Group Art Unit	1636
Examiner Name	Unassigned
Attorney Docket Number	313S-300610US
Date Submitted	November 17, 2004

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
		Number	Kind Code (if known)			

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	01	BAKER-JARVIS, et al. (1998) "Electrical Properties and Dielectric Relaxation of DNA in Solution." <i>NIST technical Note 1509</i> . Radio-Frequency Technology Division, Electronics and Electrical Engineering Laboratory, National Institute of Standards and Technology, U.S. Department of Commerce	
	02	BERGGREN et al. (1999) "A feasibility study of a capacitive biosensor for direct detection of DNA hybridization" <i>Electroanalysis</i> , 11(3):156-160.	
	03	BERGGREN et al. (2001) "Capacitive Biosensors." <i>Electroanalysis</i> , 13(3):173-180.	
	04	BERNEY et al. (2000) "A DNA diagnostic biosensor: development, characterization and performance." <i>Sensors and Actuators B</i> , 68:100-108.	
	05	BIESHEUVEL (2001) "Implications of the charge regulation model for the interaction of hydrophilic surfaces in water." <i>Langmuir</i> , 17:3553-3556.	
	06	BIESHEUVEL (2001) "Simplifications of the Poisson-Boltzmann equation for the electrostatic interaction of close hydrophilic surfaces in water." <i>J. Colloid Interface Sci.</i> , 238:362-370.	
	07	MANDEL (1977) "Dielectric properties of charged linear macromolecules with particular reference to DNA." <i>Ann. NY Acad. Sci.</i> , 303:74-87.	
	08	MARRAZZA et al. (1999) "Disposable DNA electrochemical sensor for hybridization detection." <i>Biosensors and Bioelectronics</i> , 14:43-51.	
	09	PALECEK et al. (1998) "Electrochemical biosensors for DNA hybridization and DNA damage." <i>Biosensors and Bioelectronics</i> , 13:621-628.	
	10	SAIF et al. (1991) "On the mechanism of dielectric-relaxation in aqueous DNA solutions." <i>Biopolymers</i> 31:1171-1180.	
	11	VAN DER TOUW et al. (1974) "Dielectric increment and dielectric-dispersion of solutions containing simple charged linear macromolecules. 1. Theory." <i>Biophys. Chem.</i> 2:218-230.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.